

CLAIMS

- [001] A domestic machine which is suitable for carrying out at least one cleaning process using cleaning liquid, comprising a system for supplying cleaning agent into the cleaning liquid, characterised by a sensor which determines the content of washing-active substances in the cleaning liquid during the cleaning process and a dosing device which supplies additional cleaning agent to the cleaning liquid if the content of washing-active substances is too low or supplies fresh water to the cleaning liquid if the content of washing-active substances is too high.
- [002] The domestic machine according to claim 1, wherein the system for supplying cleaning agent to the cleaning liquid is regulated as a function of the content of washing-active substances in the cleaning liquid determined by the sensor by means of an electronic control.
- [003] The domestic machine according to any one of the preceding claims, wherein the sensor is a tenside sensor which determines the content of tensides in the cleaning liquid by means of the bubble pressure method.
- [004] The domestic machine according to any one of the preceding claims, wherein the tenside sensor in the domestic machine is preferably arranged so that it is surrounded by cleaning liquid as continuously as possible during the cleaning process.
- [005] A method for operating a domestic machine which is suitable for carrying out at least one cleaning process using cleaning liquid, comprising a system for supplying cleaning agent into the cleaning liquid according to any one of the preceding claims, characterised in that the

content of washing-active substances in the cleaning liquid is determined during the cleaning process and if the content of washing-active substances is too low, additional cleaning agent is supplied to the cleaning liquid or if the content of washing-active substances is too high, fresh water is supplied to the cleaning liquid.

- [006]       The method for operating a domestic machine according to claim 5, wherein the content of washing-active substances in the cleaning liquid is determined continuously or at least at short time intervals.
  
- [007]       The method for operating a domestic machine according to any one of claims 5 or 6, wherein the content of washing-active substances in the cleaning liquid is determined by means of electronic means.
  
- [008]       A method for drying items to be washed in dishwashers according to any one of claims 5 to 7, wherein the cleaning process is regulated depending on the content of washing-active substances in the cleaning liquid determined by the sensor.
  
- [009]       The method for drying items to be washed in dishwashers according to any one of claims 5 to 8, wherein at least part of the cleaning process is repeated depending on the content of washing-active substances in the cleaning liquid determined by the sensor.
  
- [010]       The method for drying items to be washed in dishwashers according to any one of claims 5 to 9, wherein at least part of the cleaning process is omitted or interrupted depending on the content of washing-active substances in the cleaning liquid determined by the sensor.